GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:128
ANSWERED ON:19.11.2001
LEVEL OF GROUND WATER
MOINUL HASSAN AHAMED

Will the Minister of WATER RESOURCES be pleased to state:

(a) the level of ground water in the country at present, State-wise;

(b) the quantum of ground water extracted for irrigation purposes resulting in receding of water table each year, State-wise; and

(c) the corrective steps the Government propose to take in this regard ?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SMT. BIJOYA CHAKRAVARTY)

(a) & (b) The long-term observations made by the Central Ground Water Board have shown a situation of fall in the level of ground water in various parts of the country. The names of the districts having pockets where fall in the ground water level for more than 4 metre (1981-2000) has been observed in different States is given in Annexure-I.

A Statement indicating state-wise position of utilisable irrigation potential, potential created and potential utilised from ground water in the country is enclosed at Annexure-II.

(c) Water being a State subject, it is primarily the responsibility of the concerned State Governments to plan, finance and execute schemes for augmenting water resources. Government of India is also promoting rainwater harvesting through Watershed Management Programme, artificial recharge of ground water and roof top rain water harvesting under various schemes. Various measures as initiated by the Central Government for water conservation and augmenting ground water resources are indicated below :

(i) Constitution of Central Ground Water Authority under the Environment (Proteciton) Act, 1986 for regulation and control of ground water management and development.

(ii) Circulation of a Model Bill to all the States/Union Territories to enable them to enact suitable legislation for regulation and control of ground water development.

(iii) Circulation of Manual on artificial recharge of ground water to the States/Union Territories to enable them to formulate area specific artificial recharge schemes to check the declining trend in ground water levels.

(iv) Implementation of pilot Central Sector Scheme on "Studies on Artificial Recharge of Ground Water" in the country at an estimated cost of Rs. 25.00 crore. Recharging wells and rain water harvesting are integral part of this scheme. The results of the scheme have been found to be very encouraging.

ANNEXURE-I

REFERENCE LOK SABHA UNSTARRED QUESTION NO. 128 DATED 19.11.2001

NAME OF THE STATE/UT/DISTRICT HAVING POCKETS WITH FALL IN GROUND WATER LEVEL OF MORE THAN 4 I (1981-2000)

STATE/UT	DISTRICTS
ANDHRA PRADESH	Adilabad, Ananthapur, Chittoor, Cuddapah, East Godavari, Guntur, Hyderabad, Karimnagar, Khammam, Krishna, Kurnool, Mahabubnagar, Medak, Nalgonda, Nellore, Nizamabad, Prakasam, Rangareddi, Srikakulam, Vizianagaram, Visakhapatnam, Warangal, West Godavari.
BIHAR	Dhanbad, Purb Singhbhum, Darbhanga

(including Jharkhand)
CHHATTISGARH Bastar, Bilaspur, Durg, Raigarh, Raipur, Rajnandgaon, Satna, Sidhi.
GUJARAT Ahmedabad, Amreli, Banaskantha, Bharuch, Bhavnagar, Jamnagar, Junagadh, Kheda, Kutch, Mehsana, Rajkot, Surat, Surendranagar.
HARYANA Ambala, Bhiwani, Faridabad, Gurgaon, Hisar, Jind, Kaithal, Karnal, Kurukshetra, Mahendergarh, Panipat, Rewari, Rohtak, Sonepat, Yamunanagar.
KARNATAKA Bangalore (Rural), Bellary, Belgaum, Bidar, Bagalkot, Bijapur, Chitradurga, Devangiri, Dharwar, Gadag, Gulbarga, Haveri, Hassan, Kolar, Mysore, Chamarajanagar, Raichur, Shimoga, Kapol, Tumkur, Uttara Kannada.
MADHYA PRADESH Betul, Bhind, Chhatarpur, Chhindwara, Damoh, Datia, Dewas, Dhar, Guna, Gwalior, Indore, Jabalpur, Katni, Khandawa, Khargone, Mandsaur, Morena, Narsingpur, Neemuch, Panna, Raisen, Raigarh, Ratlam, Sagar, Sehore, Shajapur, Shivpuri, Ujjain, Vidisha.
MAHARASHTRA Ahmednagar, Akola, Beed, Bombay, Dhule, Gadchiroli, Kolhapur, Nanded, Nashik, Osmanabad, Amravati, Aurangabad, Bhandara, Buldhana, Chandrapur, Jalgaon, Jalna, Latur, Nagpur, Parbhani, Pune, Ratnagiri, Sangli, Sindhudurg, Thane, Satara, Solapur, Wardha, Yavatmal
ORISSA Angul, Balasore, Bargarh, Bolangir, Dhenkanal, Gajapati, Ganjam, Jajpur, Kalahandi, Keonjhar, Khurda, Koraput, Malkangiri, Mayurbhanja, Nawapara, Nawarangpur, Sundargarh, Suvarnapur.
PUNJAB Amritsar, Bathinda, Fatehgarh, Firozepur, Jalandhar, Kapurthala, Ludhiana, Moga, Nawan Shehar, Patiala, Ropar, Sangrur.
RAJASTHAN Ajmer, Alwar, Bhilwara, Dungarpur, Ganganagar, Jaipur, Jaisalmer, Jhalawar, Jhunjhunu, Jodhpur, Nagaur, Pali, Rajsamand, Sikar, Udaipur
TAMIL NADU Coimbatore, Cuddalore, Dharmapuri, Kancheepuram, Kanyakumari, Madras, Pudukottai, Sivagangai, Tanjavur, Theni, Tirunelveli, Thiruvallur, Tiruvannamalai, Thiruvarur, Tuticorin .
UTTAR PRADESH Agra, Aligarh, Allahabad, Budaun, Bijnor,

(including Uttaranchal) Bulandshahar, Etah, Etawah, Farrukhabad, Fatehpur, Ghaziabad, Hardoi, Kanpur, Lucknow, Mathura, Meerut, Moradabad, Rai Bareli, Saharanpur, Unnao.
WEST BENGAL Bankura, Bardhaman, Medinipur, N-24 Parganas, Purulia.
NCT OF DELHI Mehrauli, Najafgarh and City block.
PONDICHERRY Pondicherry

ANNEXURE-II

REFERENCE LOK SABHA UNSTARRED QUESTION NO. 128 DATED 19.11.2001

IRRIGATION POTENTIAL FROM GROUND WATER (AS ON 1996-97)

Sl.No.	States	Utilisable Potential Irrigation m.ha.	Potential created m.ha	Potential Utilised m.ha.
1.	Andhra Pradesh	3.96008	1.77420	1.73910

2. Arunachal Pradesh	0.01800	0.00240	0.00240
3. Assam	0.90000	0.20680	0.15180
4. Bihar	4.94763	4.29180	3.81590
5. Goa	0.02928	0.00190	0.00170
6. Gujarat	2.75590	1.77890	1.69370
7 Haryana	1.46170	1.54490	1.49930
8. Himachal Pradesh	0.06850	0.015.70	0.01150
9. Jammu & Kashmir	0.70795	0.01160	0.01100
10. Karnataka	2.57281	0.78010	0.76410
11. Kerala	0.87925	0.14060	0.12420
12. Madhya Pradesh	9.73249	1.62290	1.50630
13. Maharashtra	3.65197	1.63630	1.58840
14. Manipur	0.36900	0.00060	0.00050
15. Meghalaya	0.06351	0.01020	0.01000
16. Mizoram		Not assessed	
17. Nagaland		Negligible	
18. Orissa	4.20258	0.71720	0.60070
19. Punjab	2.91715	3.41200	3.35300
20. Rajasthan	1.77783	2.04840	2.01250
21. Sikkim		Not assessed	
22. Tamil Nadu	2.83205	1.31450	1.31190
23. Tripura	0.08056	0.02120	0.02120
24. Uttar Pradesh	16.79896	22.63400	20.35800
25. West Bengal	3.31794	1.85520	1.41310
Total States	64.04514	45.82140	41.99030
Total UTs	0.00504 +	0.06240	0.06180
Grand Total	64.05018	45.88380	42.05210

Note: + - Relates to Dadra & Nagar Haveli only.
m.ha. - Million hectares